



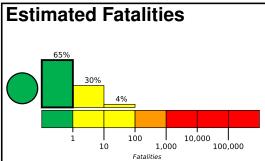


Created: 2 hours, 3 minutes after earthquake

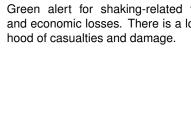
PAGER

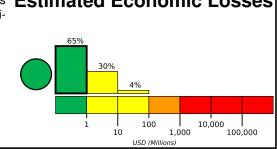
Version 2

M 5.7, 169 km S of Merizo Village, Guam Origin Time: 2022-02-13 20:49:42 UTC (Mon 06:49:42 local) Location: 11.7420° N 144.4867° E Depth: 10.0 km



Green alert for shaking-related fatalities Estimated Economic Losses and economic losses. There is a low likeli-





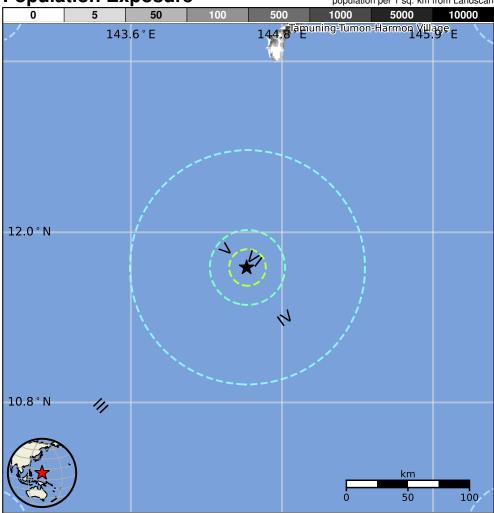
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	140k*	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVE	SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan



PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty. https://earthquake.usgs.gov/earthquakes/eventpage/us7000gkm3#pager

Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are informal (metal, timber, GI etc.) and heavy wood frame construction.

Historical Earthquakes

			-			
Date		Dist.	Mag.	Max	Shaking	
	(UTC)	(km)		MMI(#)	Deaths	
	2001-10-12	127	7.0	VII(48k)	0	
	2002-04-26	152	7.0	VIII(2k)	0	
	1993-08-08	145	7.7	IX(3k)	0	

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

Selected City Exposure

from GeoNames.org				
MMI	City	Population		
Ш	Chalan Pago-Ordot Village	7k		
Ш	Barrigada Village	9k		
Ш	Merizo Village	2k		
Ш	Dededo Village	45k		
Ш	Umatac Village	1k		
Ш	Mangilao Village	15k		
Ш	Mongmong-Toto-Maite Village	7k		
Ш	Tamuning-Tumon-Harmon	20k		
	Village			
Ш	Yona Village	6k		
Ш	Agat Village	6k		
Ш	Santa Rita Village	8k		

bold cities appear on map.

(k = x1000)

Event ID: us7000gkm3